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Part Number: [0758380104](#)
Status: **Active**
Overview: [gbx_backplane_connector_system](#)
Description: 1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Open Header, 80 Circuits, Lead Free, Pin Length 4.55mm (.179")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75221-999 \(PDF\)](#)

Agency Certification

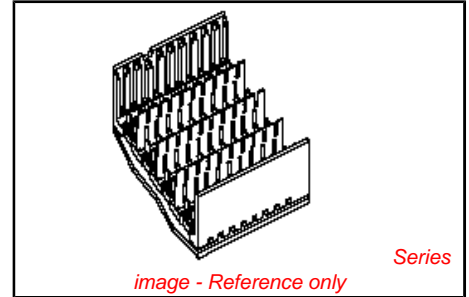
UL E29179

General

Product Family Backplane Connectors
 Series [75838](#)
 Application Backplane
 Application Tooling Documents [Tooling Manual](#)
 Comments Open Header
 Component Type PCB Header
 Overview [gbx_backplane_connector_system](#)
 Product Name GbX®
 Style N/A

Physical

Circuits (Loaded) 80
 Circuits (maximum) 80
 Color - Resin Gray
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part None
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Columns 10
 Number of Pairs 4
 Number of Rows 8
 Orientation Vertical
 PC Tail Length 2.30mm (.091")
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Tube
 Pitch - Mating Interface 1.85mm (.073")
 Pitch - Termination Interface 1.85mm (.073")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 0.762µm (30µ")
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating 105°C
 Termination Interface: Style Through Hole - Compliant Pin



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed</p>	<p>China RoHS</p>
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Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[75838Series](#)

Mates With
[75878 Daughtercard Assembly](#)

Electrical

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75838-010

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